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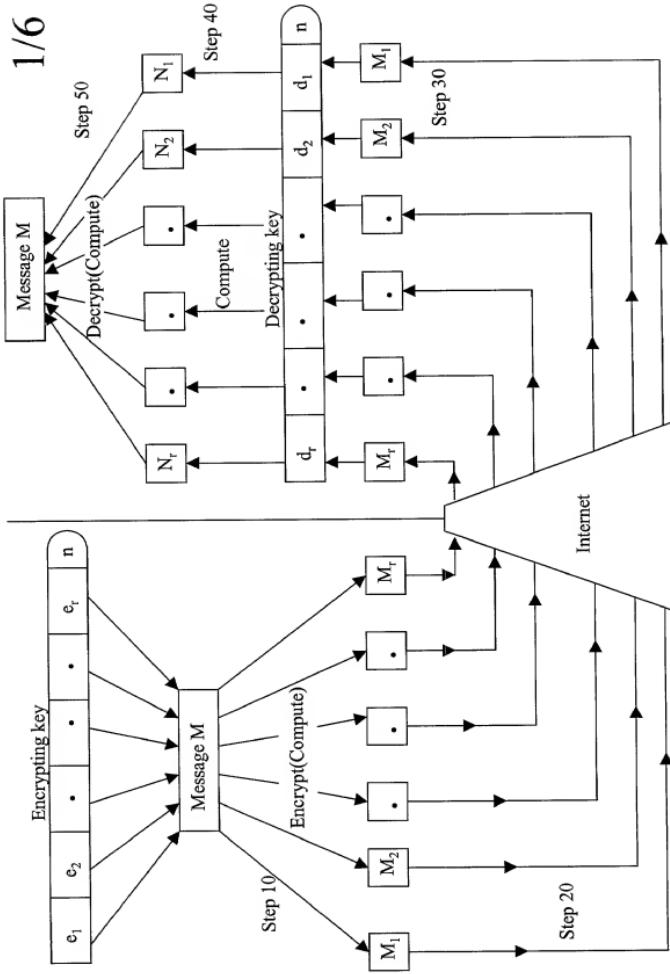


FIG. 1 Cryptographic process of the method

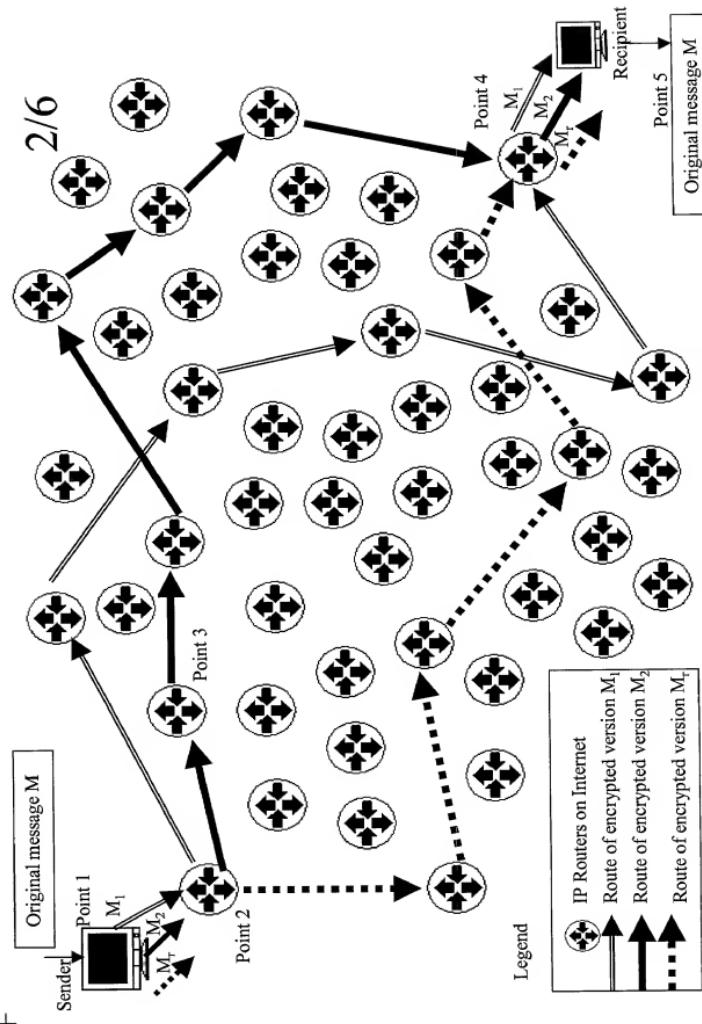


FIG.2 Routing of different encrypted versions of a message on Internet

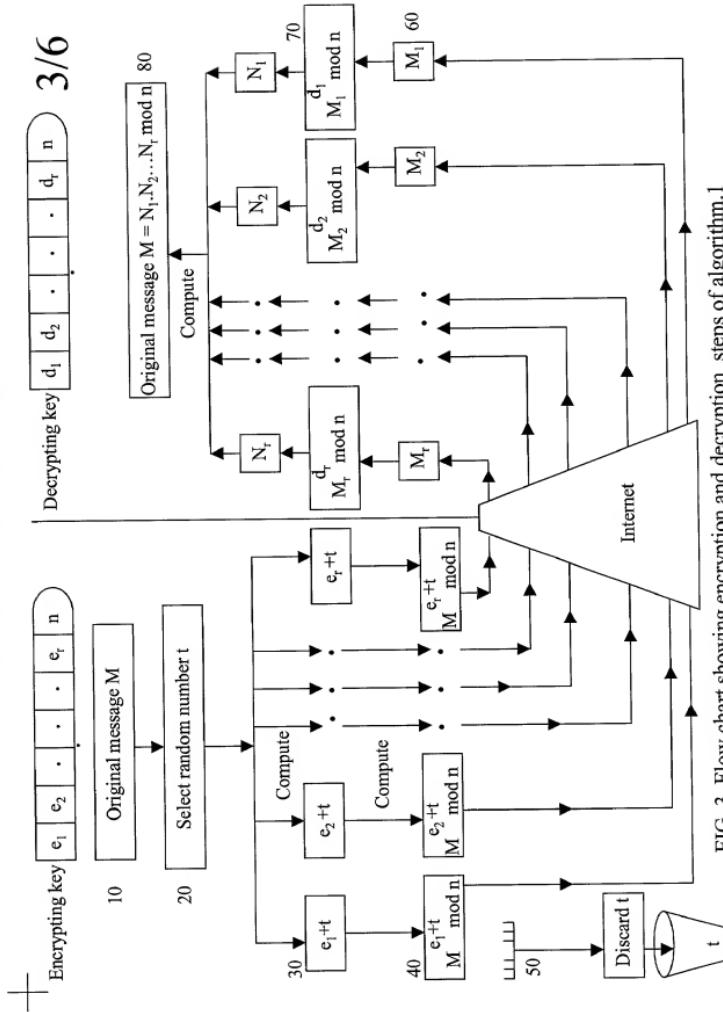


FIG. 3 Flow chart showing encryption and decryption steps of algorithm.1

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Encrypting key $e_1 | e_2 | \dots | e_r | n$ Original message $M = [d_1 | d_2 | \dots | d_t | n]$ Decrpyting key $d_1 | d_2 | \dots | d_t | n$ Original message $M = N_1, N_2, \dots, N_t \text{ mod } n$

Compute

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Original message M Original message $M = N_1, N_2, \dots, N_t \text{ mod } n$ Decrpyting key $d_1 | d_2 | \dots | d_t | n$

Compute

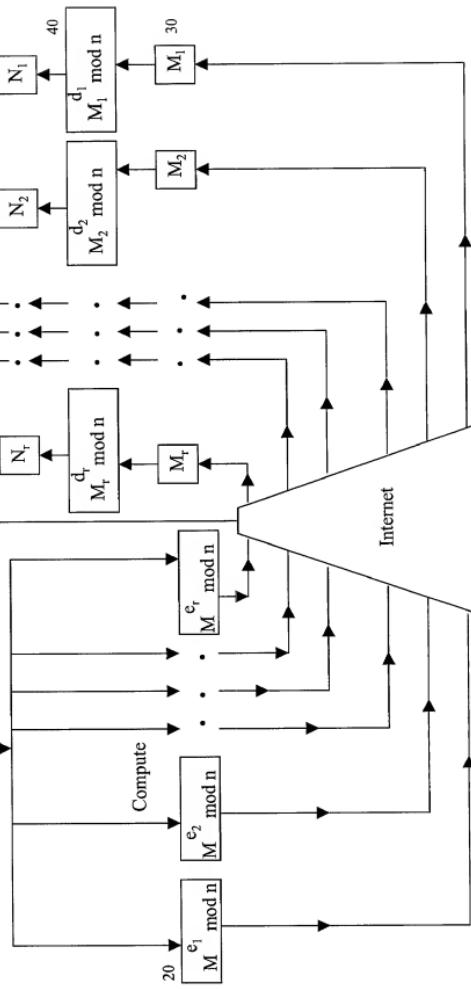
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Internet

FIG. 4 Flow chart showing encryption and decryption steps of algorithm.2



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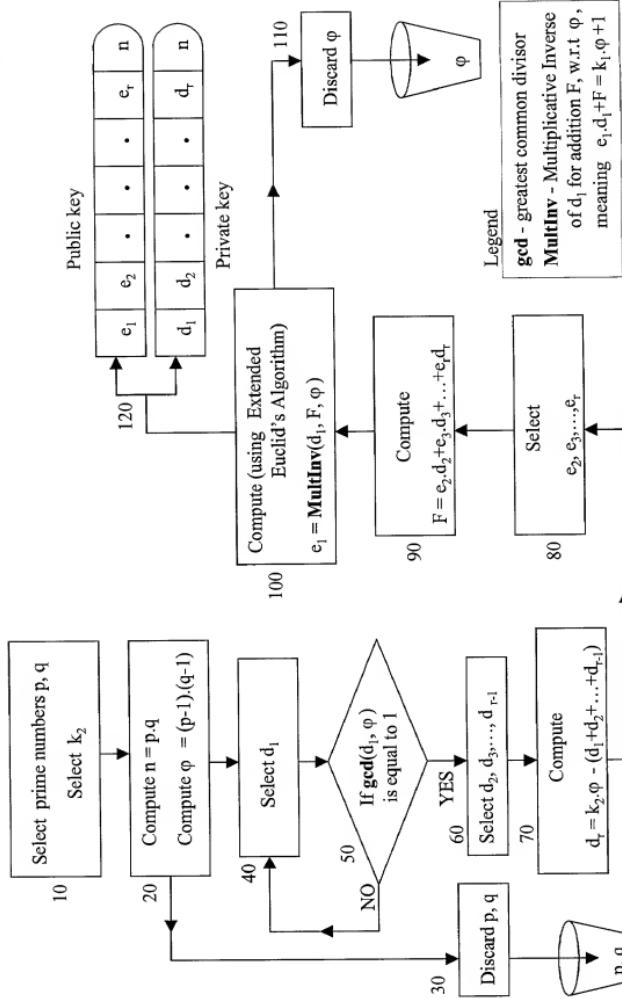


FIG. 5 Flow chart showing steps of key computation for algorithm.1

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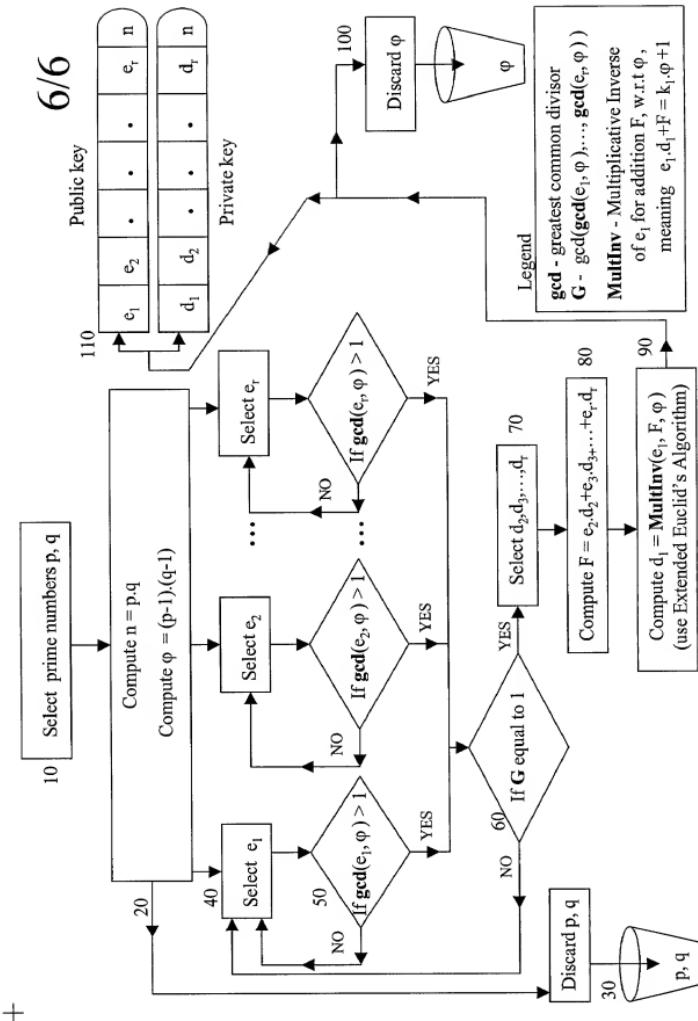


FIG. 6 Flow chart showing steps of key computation for algorithm.2